# Music AI Sandbox
# Onboarding Guide

The Music AI Sandbox will continue to improve based on your feedback, so some of the screenshots in this guide may not be up to date.

Last updated: March 2025

*Program Overview*

## *01* What is the Music AI Sandbox?

## *02* Music AI Sandbox features walkthrough

- Create
- Extend
- Edit

## *03* Top Tips and Best Practices

- Prompting
- Lyrics controls - position on Timeline
- Clips Library

## *04* FAQs

Access Music AI Sandbox at:

https://musicai.sandbox.google.com/

# What is the Music AI Sandbox?

# What is the Music AI Sandbox?

Music AI Sandbox is an experimental suite of music AI tools from Google DeepMind and YouTube, designed to enhance the creative process for musicians, producers, and songwriters.

These tools let you transform music, create new instrumental or vocal parts, or take a piece of music and continue it in new directions — empowering creators to more seamlessly transform their thoughts and ideas into music.

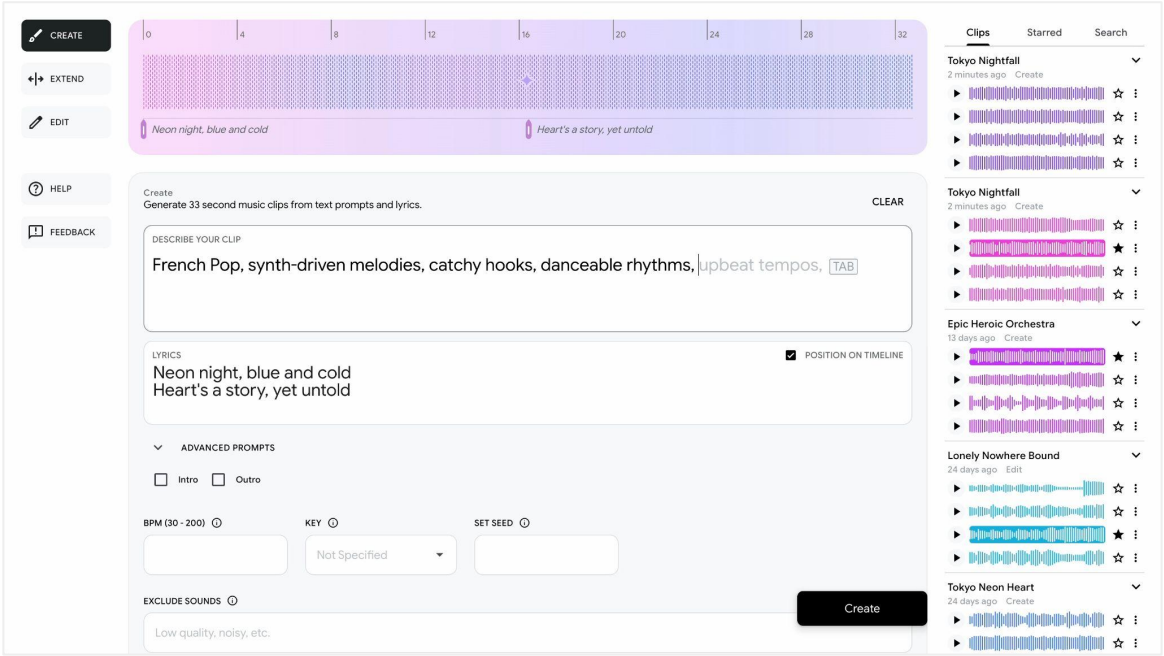
YouTube × Google DeepMind
MUSIC AI
DEMOS

# Music AI Sandbox Features Walkthrough

- ↳ Create
- ↳ Extend
- ↳ Edit

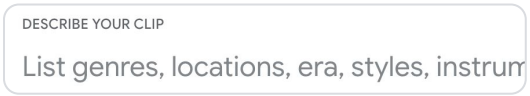
# Create

With Create, you can generate four unique 33-second clips based on prompts, lyrics, and advanced controls



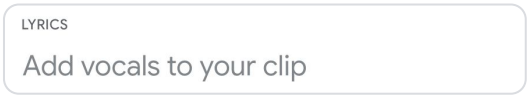
# Getting Started with Create

## 01
## Describe the sound



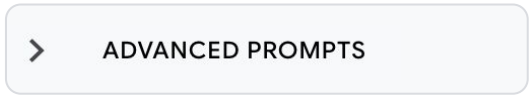

**Describe the sound** you want to create - genre, mood, vocal style, and instrumentation

## 02
## Add lyrics




**Add lyrics** if you want to create vocals

## 03
## Specify extra details




**Specify extra details**, such as BPM and key in Advanced Prompts

Note, outputs may not exactly follow the prompt values.

# *Features Walkthrough — Create*

You can specify the **position of your lyrics** in a clip on the **timeline.**

Specify the elements you want to hear in the outputs in the **Describe** box. List what you want to generate, separated by commas.
***Learn more about writing prompts***

Enter the words you'd like to hear in the vocals in the **Lyrics** box.
***Learn more about Lyrics controls***

To add additional structural prompts, use **Advanced Prompts.**

Provides a target structure for outputs. You can specify **Intro / Outro**.

Provides a target tempo for the generated audio. Note, that outputs may not exactly match the prompted **BPM**.

The model will try to **exclude** the sounds in this negative prompt. List what you do not want to hear separated by commas (e.g., clapping, electric guitar).

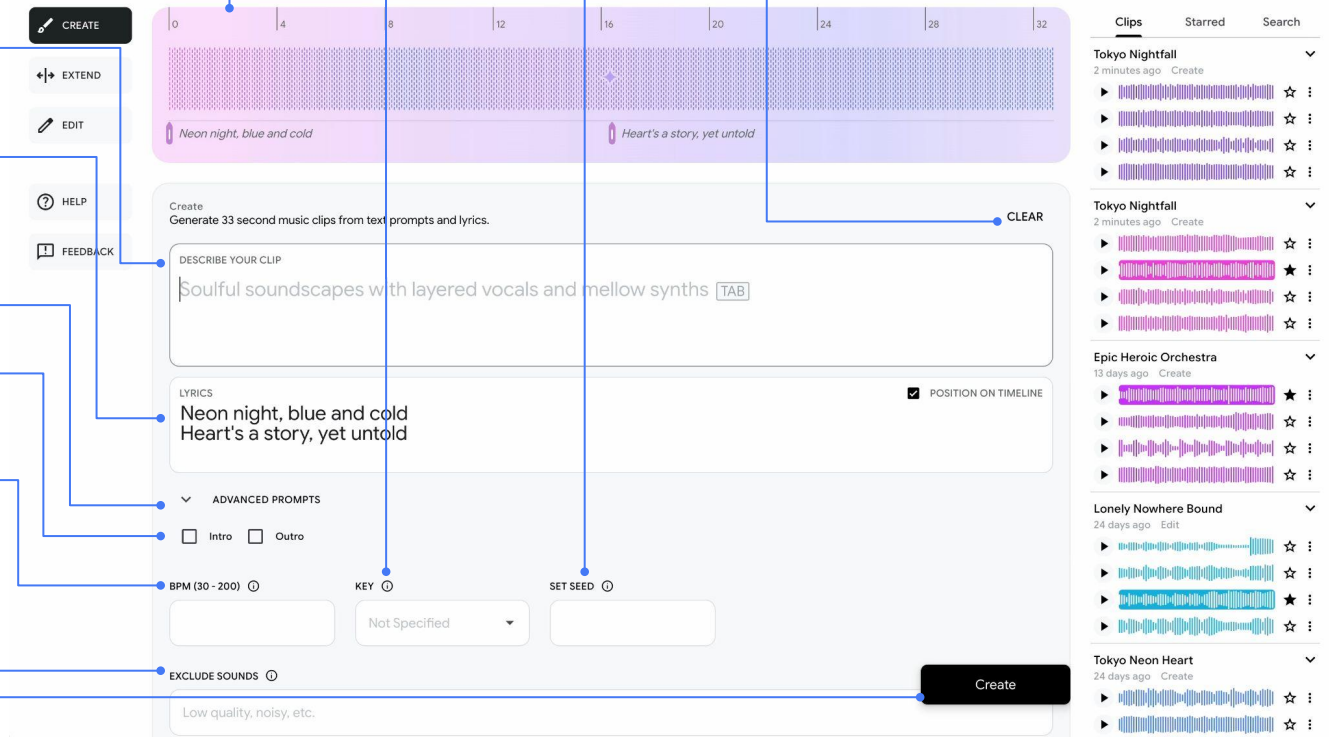
Starts generation of 4 unique clips based on your prompts.

Provides a target **key** for the generated audio

The **Seed** value is a starting point for generation, which normally uses randomized seeds. A set seed with identical prompts will produce exactly the same output. Setting seed and adjusting prompts is one way to make finer iterations.

Clear the prompts

***Learn more about Clips Library***

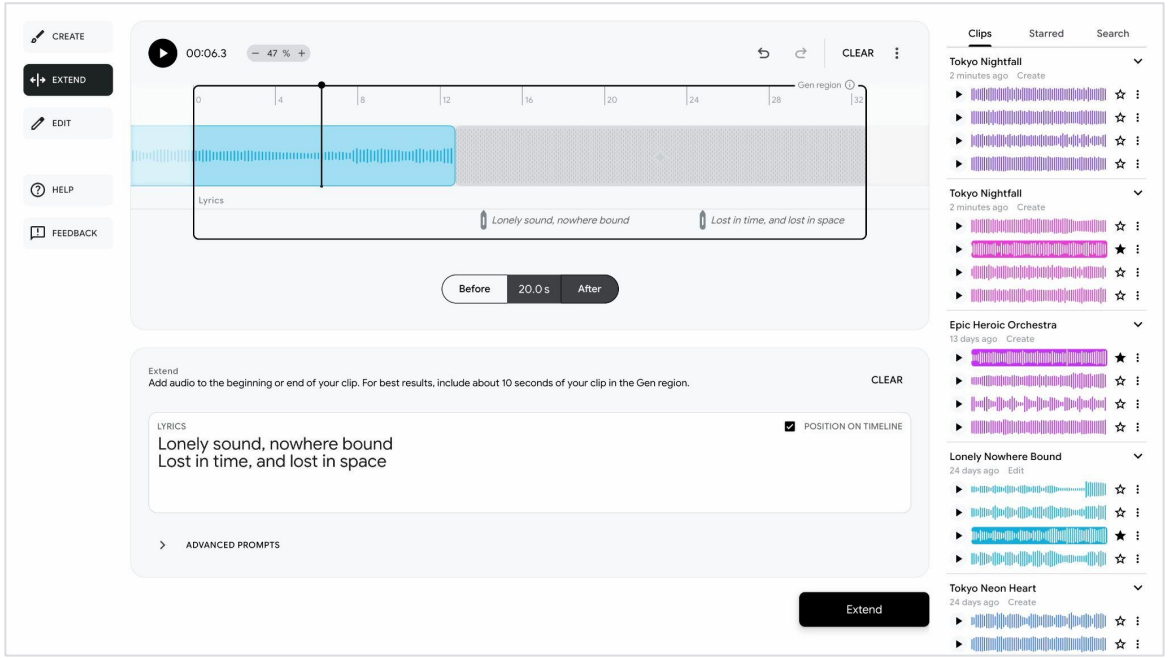


# Music AI Sandbox Features Walkthrough

- ↳ Create
- ↳ Extend
- ↳ Edit

# Extend

With Extend, you can add a continuation of music, either before or after an uploaded or generated clip



# Getting Started with Extend

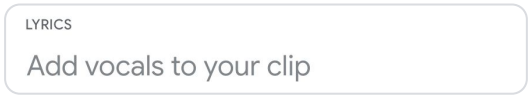
## 01
## Upload a clip

In the timeline, **upload a clip** or drag and drop one of the **clips from your library**.

## 02
## Control duration

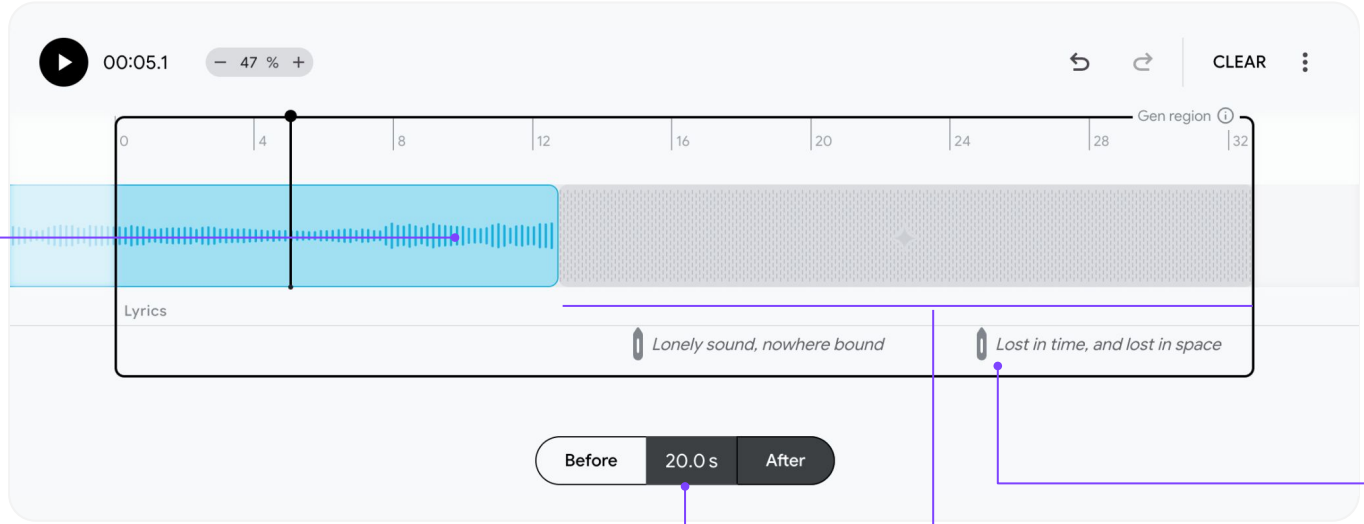
Using the toggle below the timeline, you can **specify the direction and duration of the extension**. You can also do this by clicking and dragging the clip on the timeline.

## 03
## Add lyrics




If you want to include vocals in your extension, **add lyrics**

# Extend - Gen Region




Adjust the duration of the music by dragging the music across the gen region

Below the gen region, you can specify the amount of time to add

You can position your lyrics in the generated music by dragging them along the timeline

# *Features Walkthrough — Extend*

To **download** all of the audio in your timeline, click the three button icon.

To **zoom** in or out of the timeline, use the plus and minus icons on the zoom pill.

To start working on extending a clip, you can drag a file into the generation space, or click **Upload file** to upload one from your computer.

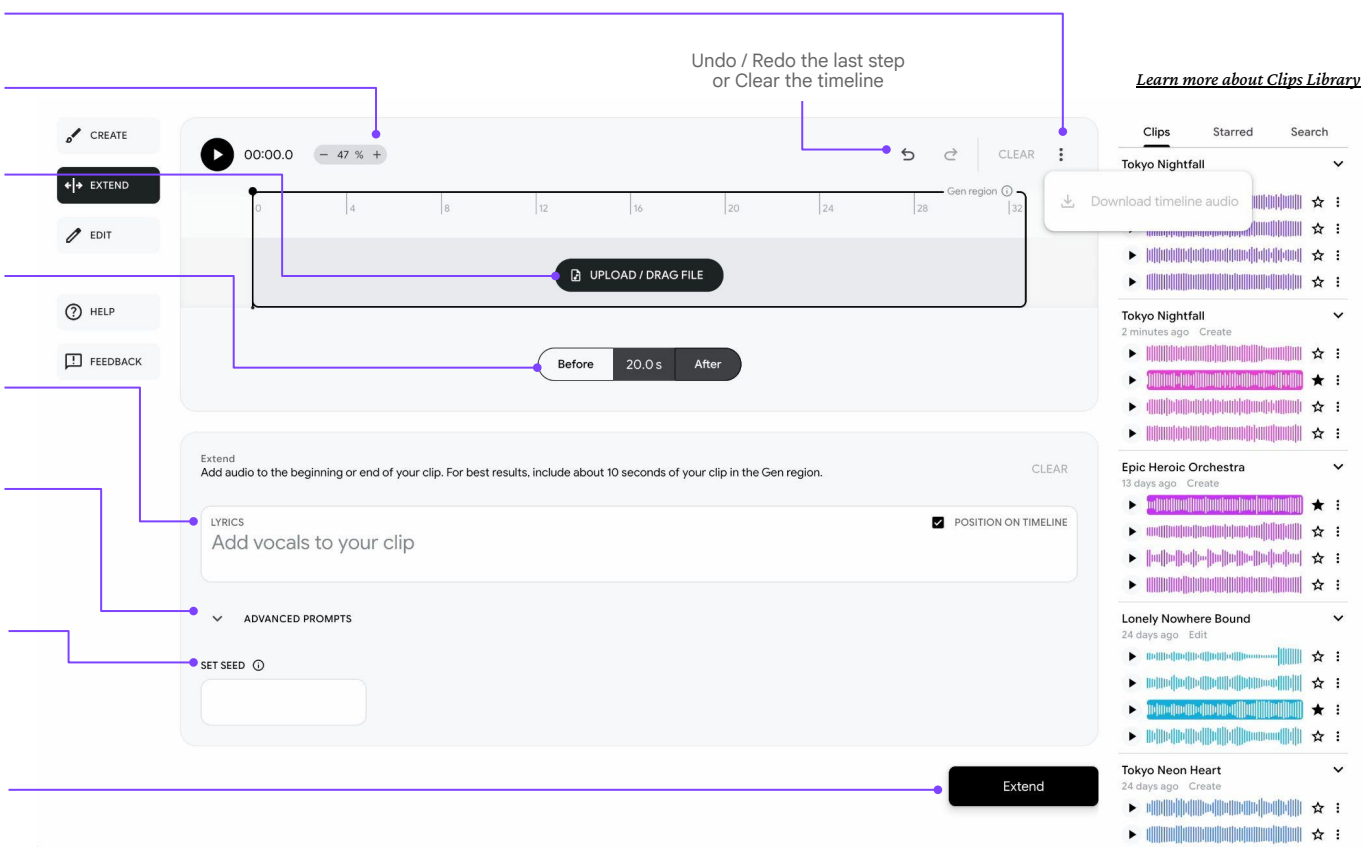
Choose the direction and duration of the extended music. You can extend by 1—32 seconds.

Enter the words you'd like to hear in the vocals in the **Lyrics** box.
*Learn more about Lyrics controls*

To add additional structural prompts, use **Advanced Prompts.**

The **Seed** value is a starting point for generation, which normally uses randomized seeds. A set seed with identical prompts will produce exactly the same output. Setting seed and adjusting prompts is one way to make finer iterations.

Starts the generation of the 4 unique variations for your extension. Outputs will be 33 seconds in duration.

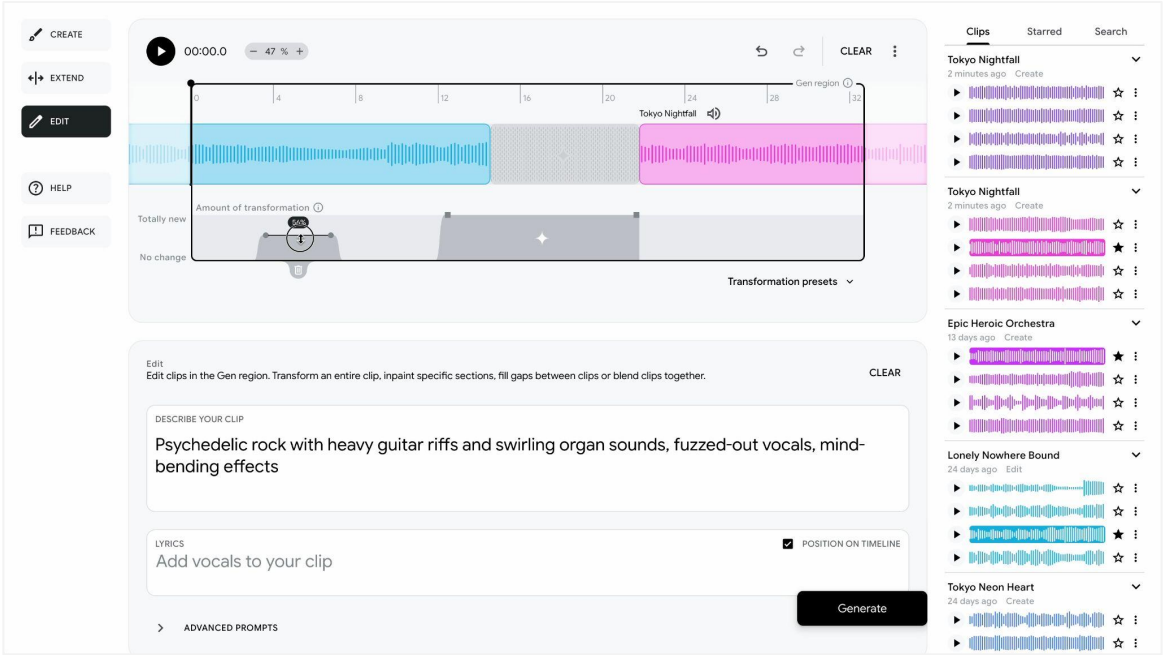


# Music AI Sandbox Features Walkthrough

- ↳ Create
- ↳ Extend
- ↳ Edit

# Edit

Edit allows you to transform the mood, genre, or style of the whole clip or a part of it. You can also build a transition from one clip to another.



# Getting Started with Edit

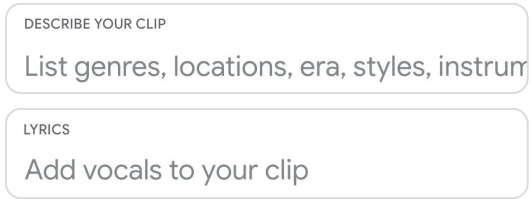
## 01
## Upload a clip

In the timeline, **upload a clip** or drag and drop one of the **clips from your library**.

## 02
## Specify the placement

**Specify the placement and amount** of the edit. Try the Transformation Presets for ideas.

## 03
## Add prompts & lyrics




Describe how you'd like to transform the audio with **prompts** and desired **lyrics** for the vocals.

# *Features Walkthrough — Edit*

To **download** all of the audio in your timeline, click the three button icon

To **zoom** in or out of the timeline, using the plus and minus icons on the zoom pill

To start working on editing a clip, you can drag a file into the generation space, or click **Upload file** to upload one from your computer.

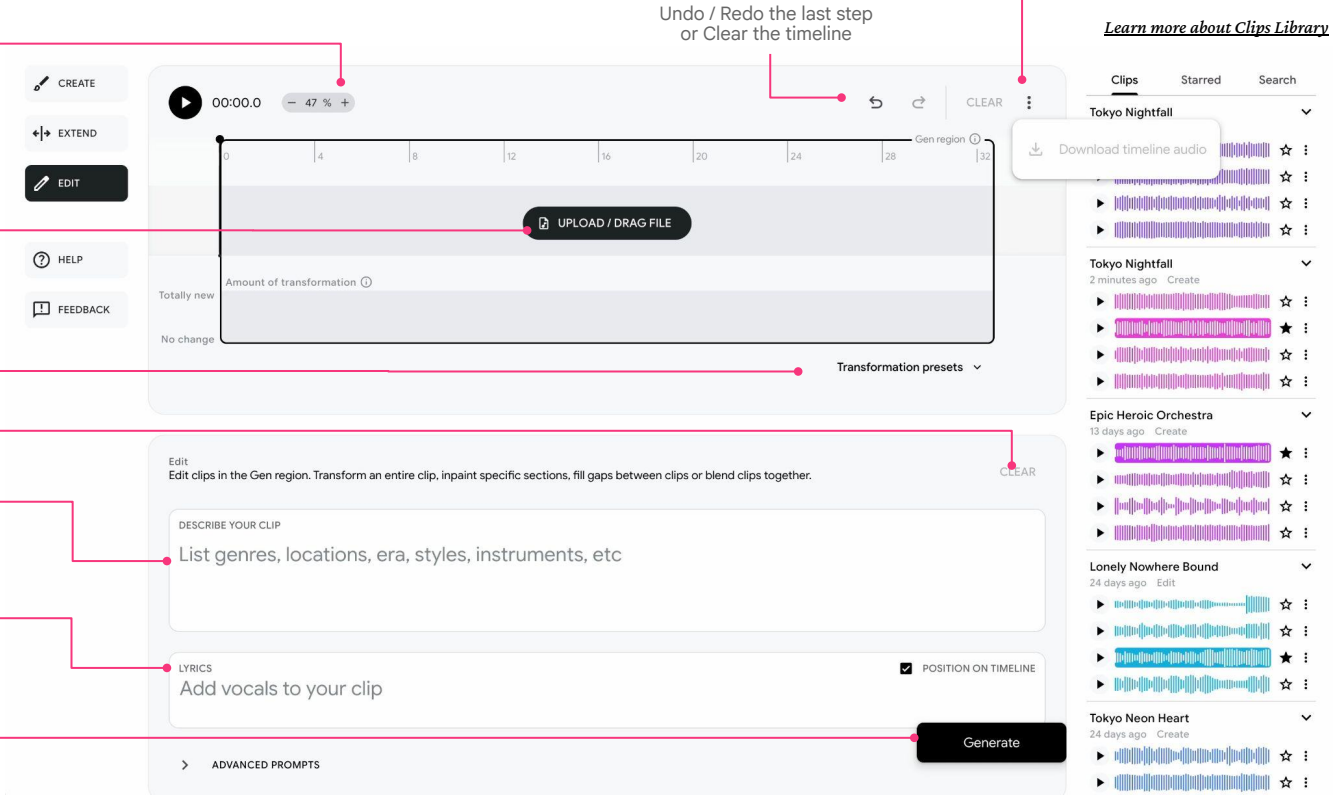
Choose from **transformation preset** amount and region

**Clear** the prompts

Specify the elements you want to hear in the outputs in the **Describe** box.
*Learn more about writing prompts*

Enter the words you'd like to hear in the vocals in the **Lyrics** box
*Learn more about Lyrics controls*

Starts the generation of the 4 unique variations for your transformation. Outputs will be 33 seconds in duration.



# Different things you can do in the Edit tool

# Edit - Transformation Presets

Transformation presets

WITHIN CLIPS

**Strong transformation**
Style transformation of whole clips based on prompts

**Subtle transformation**
Transform whole clips with less influence from prompts

**Inpaint**
Transform sections of clips with prompts

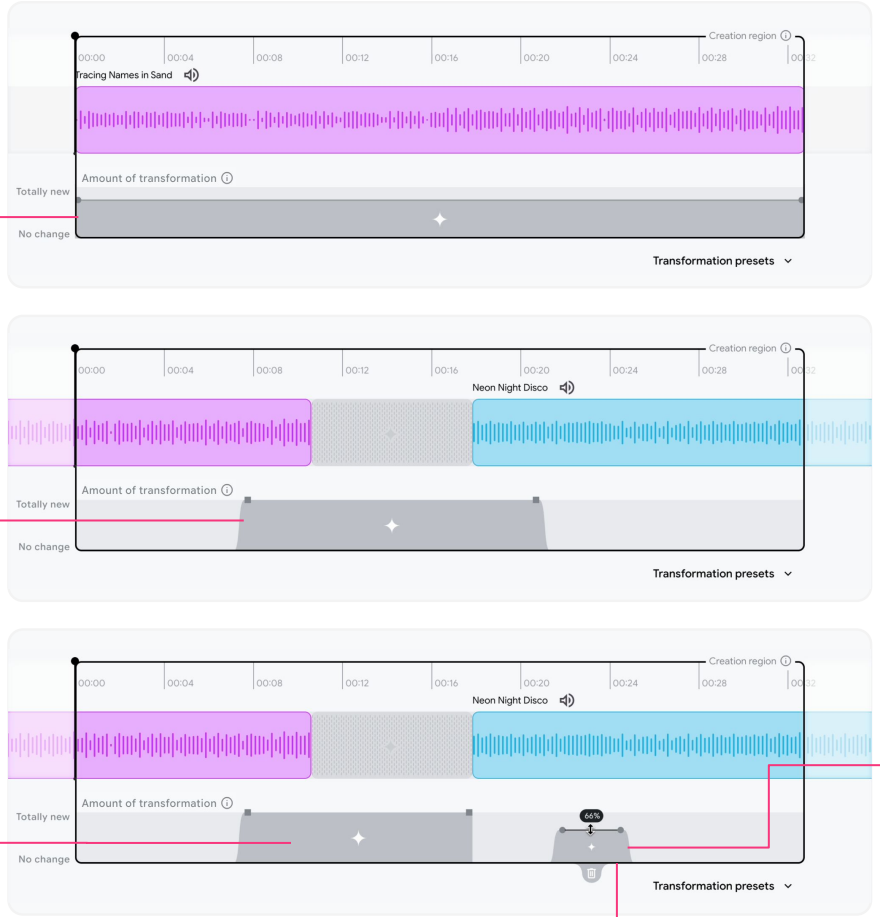
BEFORE, AFTER & BETWEEN CLIPS

**Infill gaps**
Fill gaps between clips

**Blend ends**
Blend transitions and generate mixes between tracks

## Custom Transformation

In this example infilling the gap between clips with a blend and transforming another region




Edit a section of music with a custom region.

You can adjust the level of transformation between **Totally new** and **No change** by setting the region's height. The higher the **amount of transformation** the more prompts will change the original music.

# *Features Walkthrough — Edit*

The **Seed** value is a starting point for generation, which normally uses randomized seeds. A set seed with identical prompts will produce exactly the same output. Setting seed and adjusting prompts is one way to make finer iterations.

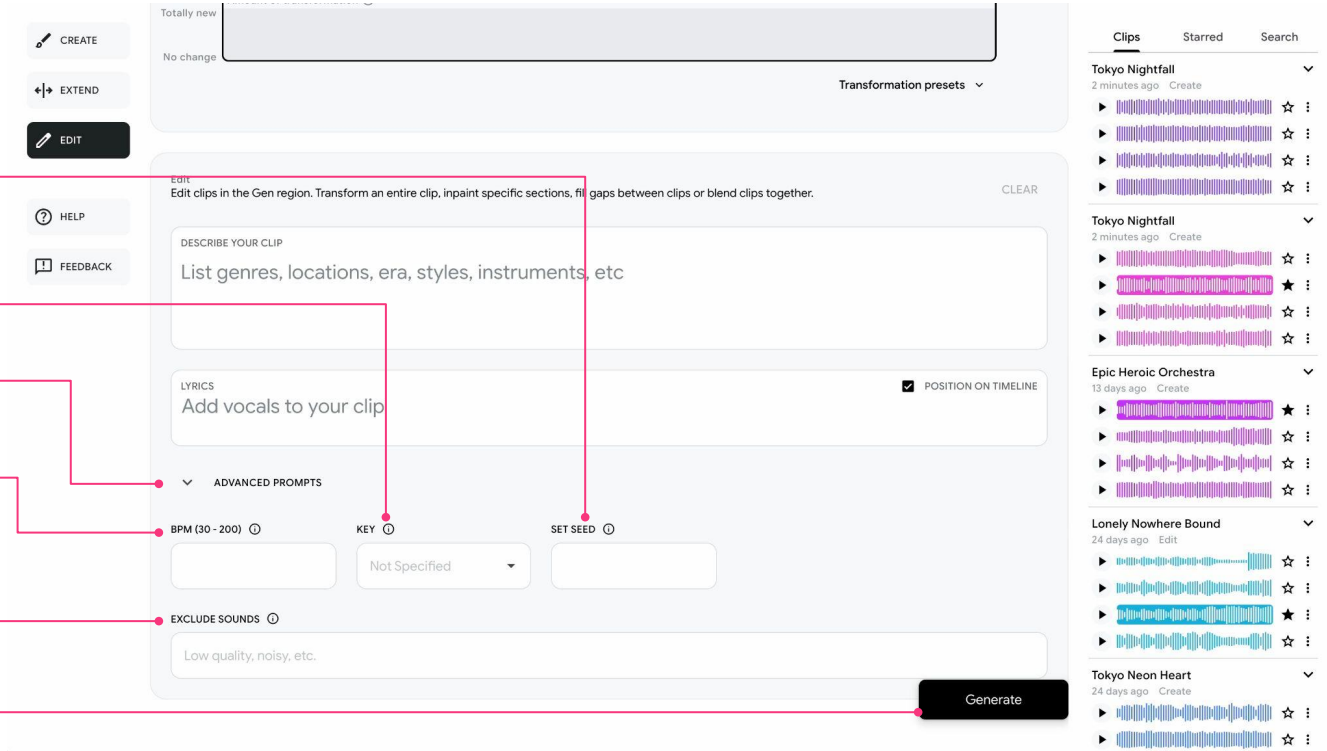
Provides a target **key** for the generated audio

To add additional structural prompts, use **Advanced Prompts.**

Provides a target tempo for the generated audio. Note, that outputs may not exactly match the prompted **BPM**.

The model will try to **exclude** the sounds in this negative prompt. List what you do not want to hear separated by commas (e.g., clapping, electric guitar).

Starts generation of 4 unique clips based on your input clips and prompts.



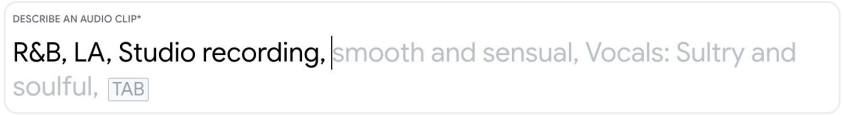
# Additional Tips

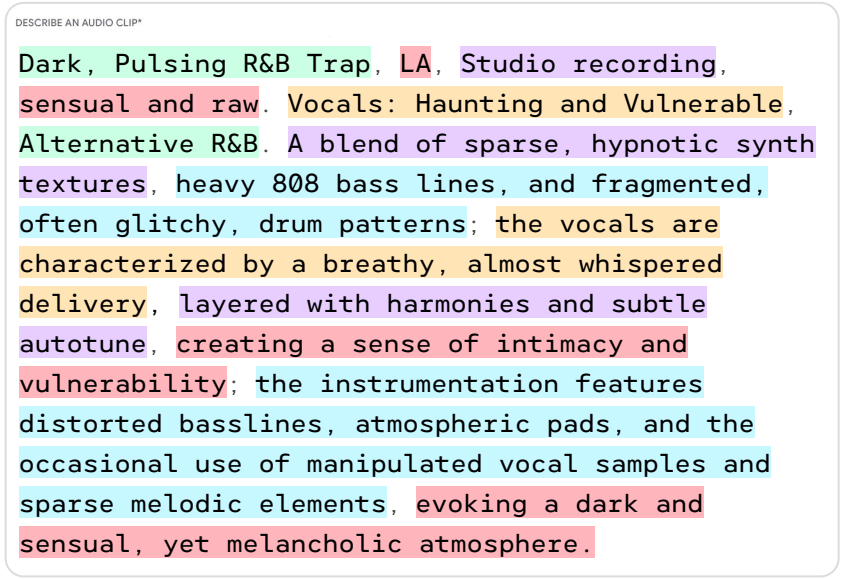
## Best Practices to get the most out of Music AI Sandbox

*Additional Tips*

# Prompting

- → Use descriptive language to describe the musical elements and influences you'd like to hear in your clip. The more detailed the better!
- → Both long and short prompts can work, but longer, detailed prompts provide more direction for the generation.
- → In the **Describe** box, after you've added some initial ideas, suggestions to extend your prompt will appear. Pressing **Tab** inserts the suggestions.
- → Think of prompting like learning to play a new instrument - bringing your own unique musical voice, experience and taste is what creates the magic!





DESCRIBE AN AUDIO CLIP*
Dark, Pulsing R&B Trap, LA, Studio recording, sensual and raw. Vocals: Haunting and Vulnerable, Alternative R&B. A blend of sparse, hypnotic synth textures, heavy 808 bass lines, and fragmented, often glitchy, drum patterns; the vocals are characterized by a breathy, almost whispered delivery, layered with harmonies and subtle autotune, creating a sense of intimacy and vulnerability; the instrumentation features distorted basslines, atmospheric pads, and the occasional use of manipulated vocal samples and sparse melodic elements, evoking a dark and sensual, yet melancholic atmosphere.

**Example prompt including**

mood,
genre,
vocal style,
instrumentation,
production details

**For instrumentals**, you can include the word *Instrumental* in your prompt.

**For vocals**, you can add lyrics in the Lyrics box.

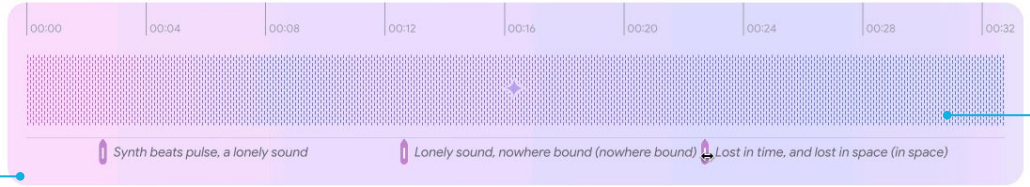
*Additional Tips*

# Lyrics Controls

Text in the **Lyrics** box will be added to your timeline with each line as a separate lyric for you to move independently.

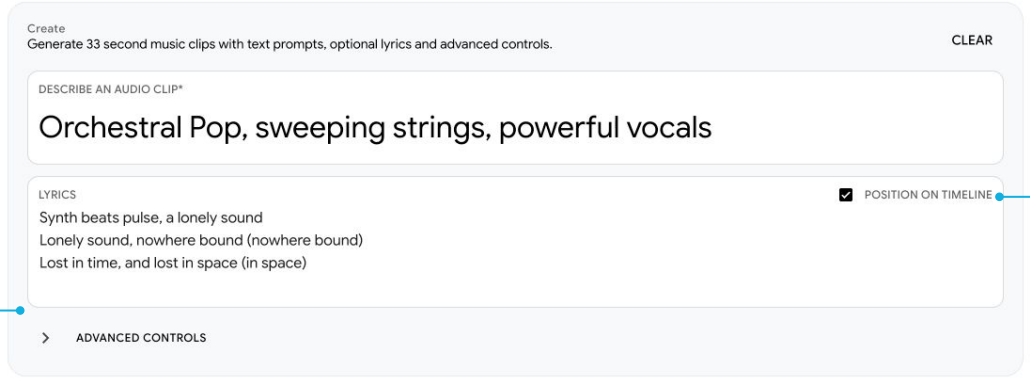
You can use expression punctuation like commas, dashes, and parenthesis, to change the timing and delivery of the lyrics.

Breaking up whole lines of lyrics into smaller parts or single words gives more precise control of the exact lyrics placement

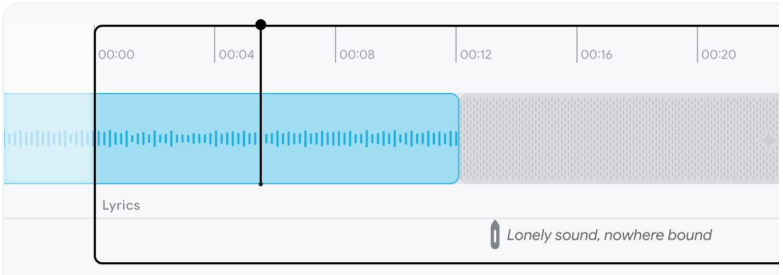



By default, all lines are distributed evenly across the clip. You can adjust the order and timing of the lines.

By placing lines of lyrics closer together, the model will attempt to fit the corresponding vocals before the next line's timestamp, making them faster paced.


Create
Generate 33 second music clips with text prompts, optional lyrics and advanced controls.
CLEAR
DESCRIBE AN AUDIO CLIP*
Orchestral Pop, sweeping strings, powerful vocals
LYRICS
POSITION ON TIMELINE
Synth beats pulse, a lonely sound
Lonely sound, nowhere bound (nowhere bound)
Lost in time, and lost in space (in space)
ADVANCED CONTROLS

If you don't want to specify the placement of the lyrics, untick POSITION ON TIMELINE




The option to position the lyrics on the timeline is available in **Create**, **Extend** and **Edit**.

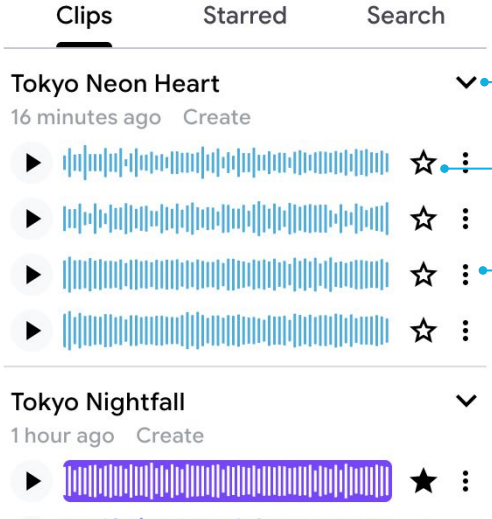
*Additional Tips*

# Clips Library

You can find all of your generated clips in the **Clips Library**.

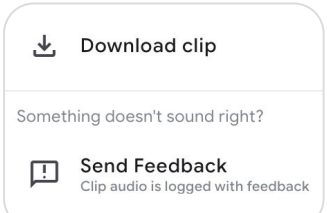
There are 3 tabs to help you navigate your clips:

- **Clips** - Browse generated outputs in reverse chronological order
- **Starred** - See all of your favorited clips in one place
- **Search** - Use keywords from prompts, titles, or lyrics



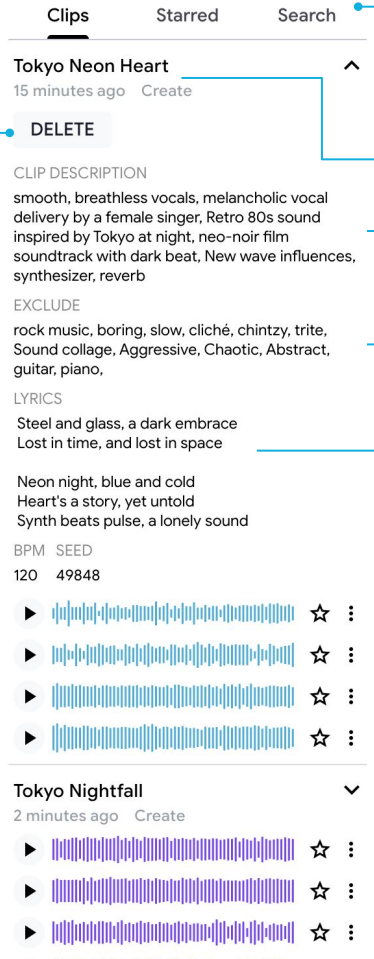

**Star a clip.** All favorited clips will appear in **Starred** tab.

**Download** a clip and/or send feedback on it




**Delete** all 4 clips and prompts

Open a detailed view of the generated outputs


Clips
Starred
Search
Tokyo Neon Heart
15 minutes ago Create
DELETE
CLIP DESCRIPTION
smooth, breathless vocals, melancholic vocal delivery by a female singer, Retro 80s sound inspired by Tokyo at night, neo-noir film soundtrack with dark beat, New wave influences, synthesizer, reverb
EXCLUDE
rock music, boring, slow, cliché, chintzy, trite, Sound collage, Aggressive, Chaotic, Abstract, guitar, piano,
LYRICS
Steel and glass, a dark embrace
Lost in time, and lost in space
Neon night, blue and cold
Heart's a story, yet untold
Synth beats pulse, a lonely sound
BPM SEED
120 49848
Tokyo Nightfall
2 minutes ago Create

**Search** clips using keywords from clip titles, prompts and lyrics

# FAQ’s

## Frequently Asked Questions

*FAQs*

## Q: Can I share the music I create using the tool?

You may use and release outputs that you generate using Music AI Sandbox, but any such use is **solely at your own risk**. If you are affiliated with a record label or publisher, check with them before releasing outputs.

## Q: Can I share publicly that I have access and use Music AI Sandbox?

You may disclose that you used the product, but do not publicly broadcast details of the product's interface without Google's consent.

## Q: I noticed a bug / technical issue with the tools. How can I report it?

You can report any technical issues/bugs via **Feedback** tab on the left hand side


## Q: I have an idea that would make Music AI Sandbox better. Who can I share it with?

You can report any feature requests and improvement ideas via **Feedback** tab on the left hand side


## Q: I have an issue accessing the tools. Who can help me?

In case of issues with accessing the tool, please get in touch with *musicAIsandbox@google.com*. Please note that we will be able to help only users who have been granted access to Music AI Sandbox. To report any other issues, please use the Feedback tab in the tool.